



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 12, 1991

Mr. Lon Thomas  
Thomas American Stone  
4040 South 300 West  
Salt Lake City, Utah 84107

Dear Mr. Thomas:

Re: Aragonite Mine and Mill Reclamation Plan, M/045/031, Tooele County, Utah

Please find attached a copy of the reclamation plan you submitted June 28, 1991. We have made some changes to the plan as expressed by the highlighted and struck out portions of the plan.

Please review these changes for your concurrence. We need to schedule a meeting with you to finalize these plans. Please notify us at your earliest convenience to make arrangements. We will ask that the BLM be involved in the meeting too.

Sincerely,

A handwritten signature in cursive script, reading 'Holland Shepherd'.

Holland Shepherd  
Senior Reclamation Specialist

jb

Enclosure

cc: Steve Brooks, BLM, Pony Express RA  
Wayne Hedberg, DOGM  
M045031.1

RECLAMATION PLAN  
MILL AREA

Revisions made during meeting  
with Lon Thomas on  
10-7-91, HWS

AREA

- 1 The trailer will remain until closure of the mill mine, at that time it will be removed. The area will be scarified and reseeded with the BLM and DOGM approved seed mix. Topsoil will be added where necessary.
- 2 The trailer will remain until closure of mill, at that time it will be removed. The area will be scarified and reseeded with the BLM and DOGM approved seed mix. Topsoil will be added where necessary.
- (3) Boulders in this area will be gradually reduced over a four year period. Any remaining will either be recontoured or moved to area 5. The area will be scarified and reseeded with ~~state~~ the DOGM and BLM approved seed mix. Topsoil will be added where necessary.
- (4) The Quonset hut will be used until mill mine closure, then torn down leaving the foundation. The foundation will be broken up (if possible), and covered with a minimum of 2 feet of soil material. *barrel with available soil material up to the top of foundation wall.*
- (5) The active 5 Acre mill area will be used until closure of the mine, then the remaining area will be recontoured leaving no greater than 2 to 1 slopes. The buildings will be removed, leaving only the foundations. All ground will be scarified and reseeded with a BLM and state DOGM approved seed mix. All foundations *other than mill foundation* will be broken up (if possible) and covered with a minimum of 2 feet of soil material and seeded. *available soil material*
- 6 Dirt stock pile will be moved to cover #10 waste dump.
- (7) The mill building will be used until closure of the mine, and then torn down to the foundation. The foundation will be broken up (if possible), and covered with a minimum of 2 feet of soil material then reseeded. *or the operator will obtain variance for post mine use*
- 8 Generator will be used until mine closure and then removed. *an alternate post mine use*
- (9) Fine waste material will be recontoured and seeded with a BLM and ~~state~~ DOGM approved seed mix before ~~Oct 31, 1991~~. *Nov 30, 1991.*
- 10 Waste dump to be cleaned up ~~worked over~~ in accordance with the Board Order. All exposed tires and scrap metal will be removed to a licensed landfill. Dump clean up will be completed by ~~Oct 31, 1991~~.  
*a date to be specified by the Board of COM on Dec. 5, 1991,  
June 30, 1992.*



- 11 Spare parts will be consolidated and moved into the active 5 acre mill site area (see #5 on map) by Oct 31, 1991<sup>2</sup>.
- 12 Ore stock piles outside of area 5 will be reduced over a four year period then the remaining will be moved or reclaimed by <sup>May</sup> April 1, 1995. The newly cleared area will be regraded, scarified and reseeded ~~in the year it is cleared.~~ <sup>by the end of the four year period.</sup>
- 13 Ore stock pile will be moved into the active 5 acre mill area (see #5 on map) by ~~Oct 1994.~~ <sup>May 1, 1995</sup>
- 14 Boulder pile will be recontoured by Oct 31, 1991<sup>2</sup>. ~~The area will be scarified and reseeded. (No reseeded or topsoil.)~~ <sup>bring back ok to leave this language</sup>

RECLAMATION PLAN  
ARAGONITE MINE AREA

- 1 This is an old disturbed mine area. ~~Nothing will be done by American Stone.~~ <sup>This area ~~has been~~ recontoured and reseeded ~~mining~~ exchange for area # 5 by Nov 30, 1991. will be</sup>
- 2 American Stone used half of this area in 1978. It will be recontoured then dirt from dumps in area 3 and 4 will be spread on top, then scarified and reseeded. ~~The reclamation of this area will be completed. I will try to get this done by Oct 1991 but it will positively be done by Jan 1993 by Oct. 31, 01-91.~~ <sup>24 or confirm to appropriate control.</sup>
- 3 Active mine 5 acre mine area. Work will proceed mostly on the south end for 1991-1993. When the mine is closed, a fence will be constructed around the high walls and clearly marked. The mine dumps will be sloped to ~~a 3-1~~, then scarified, and seeded with a BLM and DOGM approved seed mix. The dump areas have a high content of dirt and support vegetation quite well. <sup>2:1 or confirm to the appropriate engine contour.</sup>
- 4 1982 Dump Area. Some of this dirt will be taken to other areas, and used for a seed base. The area will then be recontoured, scarified, and seeded. This is to be completed by ~~April 1995~~ <sup>October 31, 1991.</sup>

Nov 30, 1991

- 5 1988 area. Most of the dirt has been stripped to make future mining possible. However there is enough to support some vegetation. The scalped hillsides will be seeded with an approved mix, but no recontouring or dirt spreading will be done, at this time, on the quarry portion of the area. At closure, the area will be recontoured to a reasonable slope, soil material applied and then seeded. *by Nov 30 1991*
- 6 1987 area - Disturbance by someone other than American Stone. But American Stone has agreed with the BLM Steve Brooks, to spread some dirt on it and the BLM would supply the seed, *by Nov 30, 1991*
- 7 Area along road will be smoothed down, scarified, and reseeded. *by Nov 30, 1991*
- 8 This area will be regraded to 2:1 slopes, covered with available fines then reseeded. ~~Old area, nothing will be done.~~
- 9 This area will be regraded to 2:1 slopes, covered with available fines then reseeded. ~~Old area, nothing will be done.~~
- 10 Old area, nothing will be done.